



Conventional OFDM system.

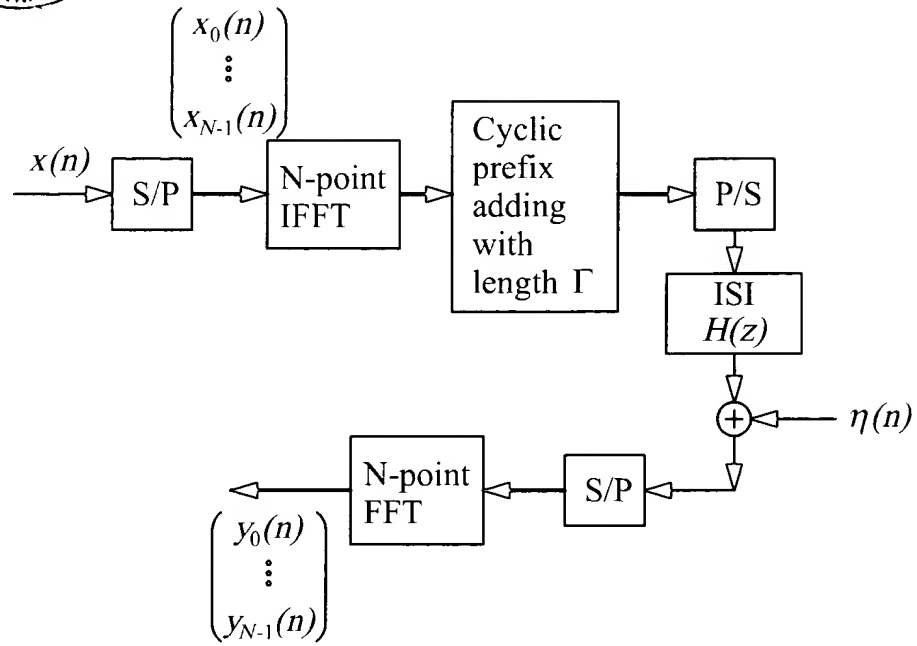


FIG. 1

Precoded OFDM system.

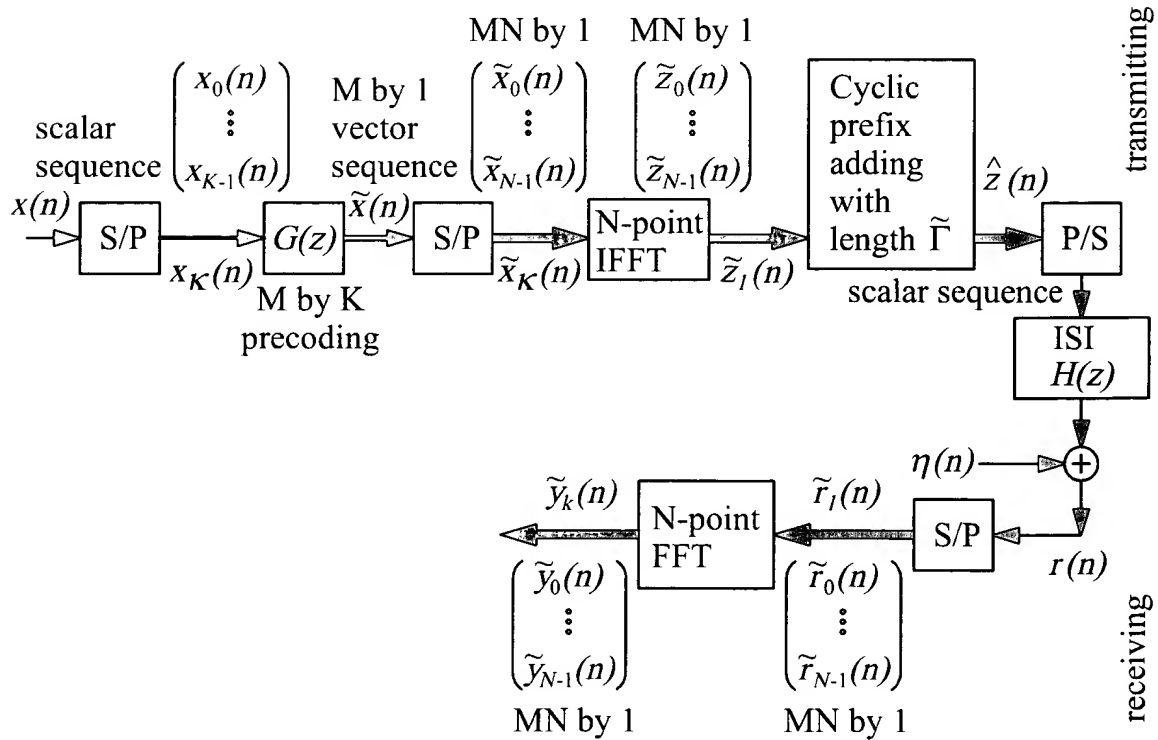


FIG. 2

Equivalent SISO and MIMO systems.

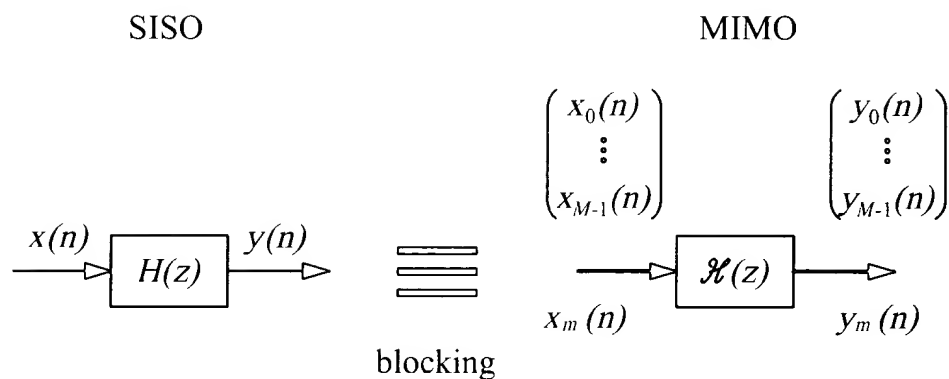


FIG. 3(a)

FIG. 3(b)

An equivalent precoded OFDM system.

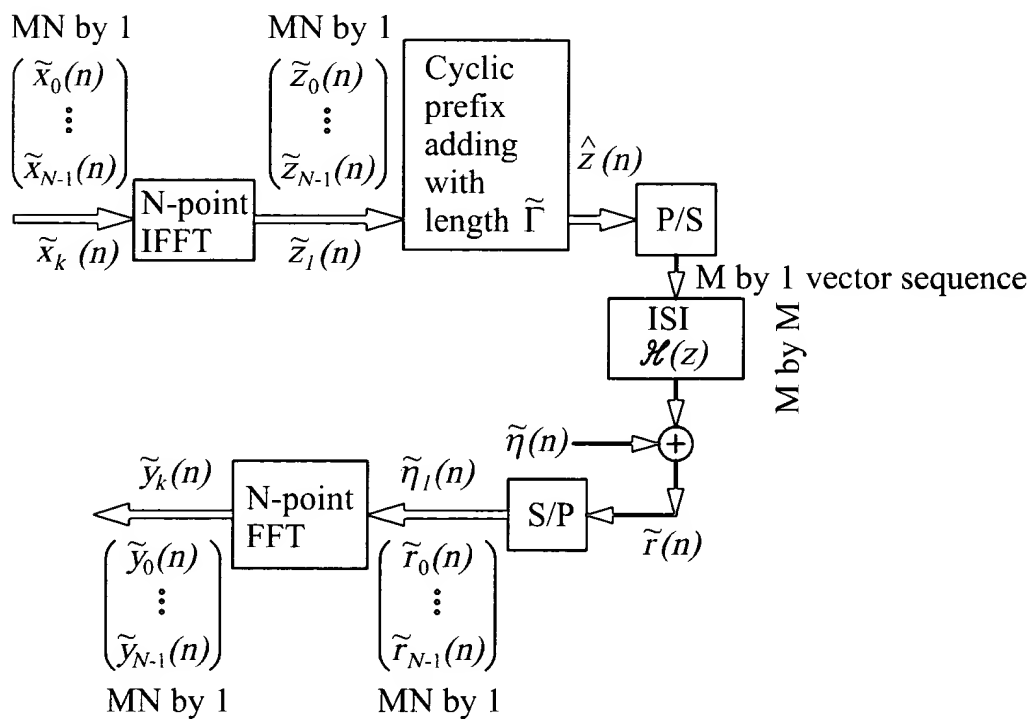


FIG. 4

Fourier spectrum for three ISI channels.

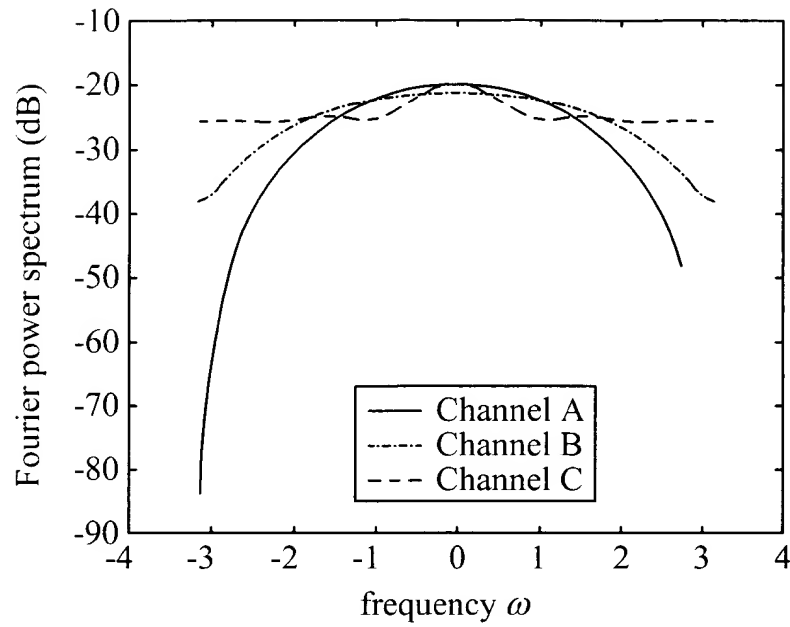


FIG. 5

Performance comparison for OFDM systems: Channel A.

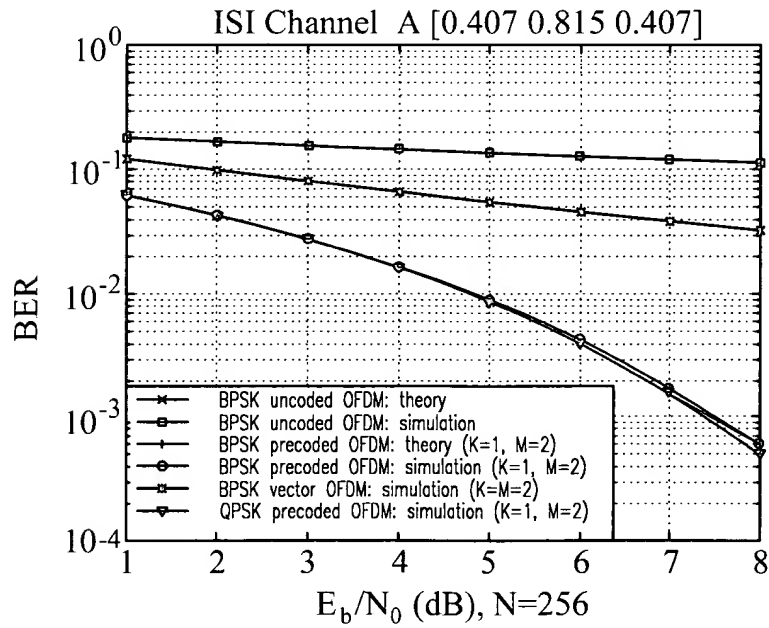


FIG. 6

Performance comparison for OFDM systems: Channel B.

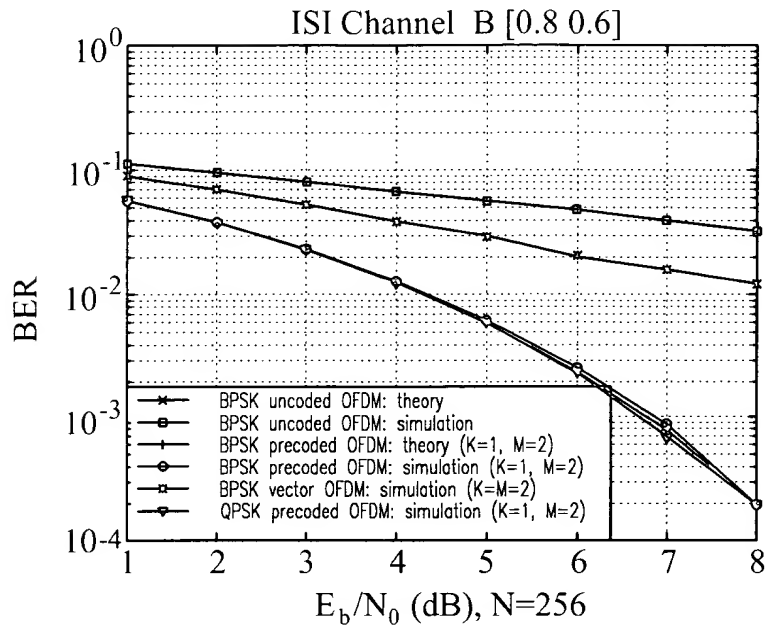


FIG. 7

Performance comparison for OFDM systems: Channel C.

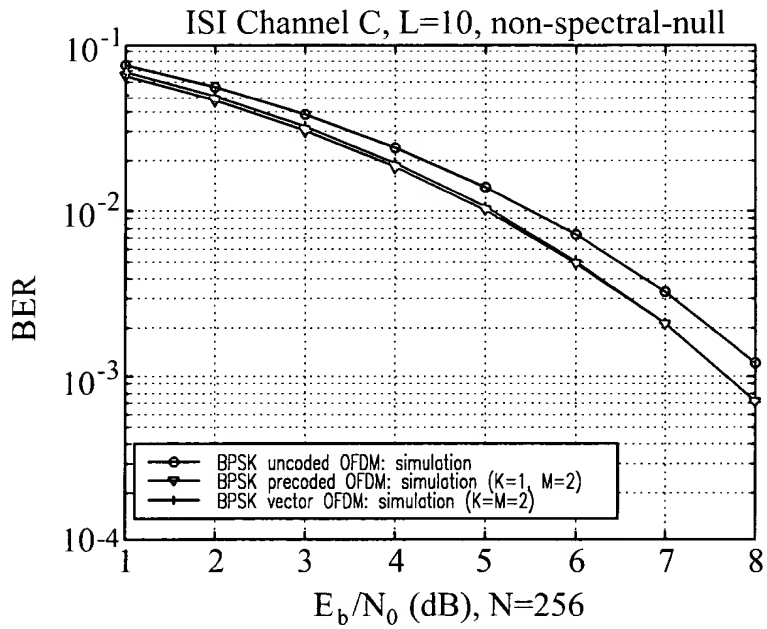


FIG. 8